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17.X		4,816,314		Prawdzik et al.	3/29/1989	
9		4,931,324		Ellison et al.	6/5/1990	
		5,643,666		Eckart et al.	7/1/1997	
		6,093,473	Τ	Min	7/25/2000	
		6,096,410	J	Okajima et al.	8/1/2000	
L.V.		6,159,331		Chou	12/12/2000	
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			OTHER PRIO	R ART - NON F	ATENT LITERATURE DO	CUMENTS
Examiner Initials	Cite No '			agazine, journal, ser		ticle (when appropriate), title of the e, page(s), volume-issue number(s), dished.
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